CRTronic®
Digital Typesetters

Performance, flexibility, reliability and affordability from Mergenthaler Linotype

Mergenthaler Linotype
An ALLIED Company

CRTronic®

Performance. Flexibility. Reliability.

Whether you're a first-time user or a veteran typesetter, these are the qualities you seek in a typesetting system.

Until recently, it was difficult to get all these qualities in one typesetter. But now, in Mergenthaler Linotype's CRTronic family of digital typesetters, you get all three, plus many additional benefits in a whole series of typesetting systems. Each of the systems offers full performance, flexibility and reliability. There's one to fit every job, every price level.

Digital Precision.

Each of the three models of CRTronic typesetters – the 100, the 150 and the 200 – is desktop compact. But all three tower over the competition in performance. That's because of their advanced digital technology. And the innovative engineering and quality that have marked Mergenthaler Linotype typesetting equipment for nearly a century.

With only four moving parts, the CRTronic is extremely reliable and easy to maintain. Fewer moving parts mean fewer chances for character misalignment. There are no broken characters, no unwanted density variations. So CRTronic typographic quality is better than photo-mechanical.

Greater versatility.

Every CRTronic is a typesetter with countless applications. It's equally at home in small publications offices, advertising agencies, commercial typography shops and "quick printer" operations. Each is a complete, ready-to-go typesetting system.

The CRTronic 100 is the basic, and least expensive, system in the series. It's the perfect typesetter for many applications. But as you go upward to the CRTronic 150 and then the CRTronic 200, you gain higher operating speeds, more type sizes and faces, more storage and other advantages.

Here's a brief look at the characteristics of all three:

■ CRTronic 100 – sets 18 lines per minute; sets type sizes from 4 to 36 points. Up to 8 fonts on-line. Floppy diskette capacity is 320 K.

■ CRTronic 150 – sets 36 lines per minute; sets type sizes from 4 to 72 points. Up to 16 fonts on-line. Floppy diskette capacity is 320 K.

■ CRTronic 200 – sets up to 125 lines per minute; sets type sizes from 4 to 128 points. Up to 24 fonts on-line. Floppy diskette capacity is 640 K.

On all three models, you can expand type up to 200 percent. Condense it as much as 50 percent. Or slant it to simulate italics.

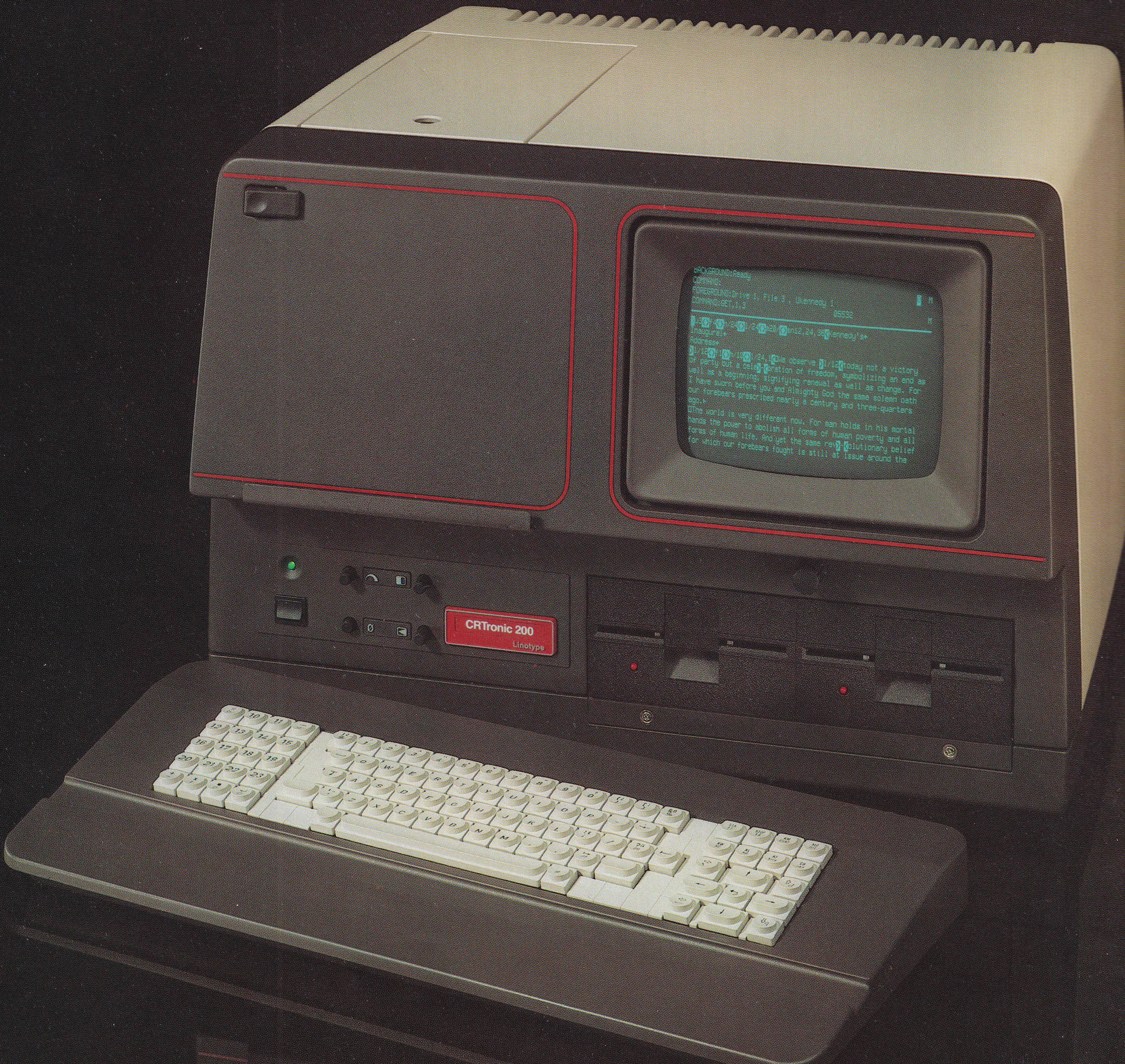
You have user-defined formats, exception word dictionary and global search and replace. Memory keys let you store both information and strings of commands for instant recall. Using both the background and foreground levels, the CRTronic will typeset one job while you're editing another.

Memory keys are programmable by the operator. With a single keystroke, recall frequently used names, long phrases, difficult words, typesetting formats, or other often used information. They save time and keystrokes and help you avoid errors.

Easily accessible floppy diskettes provide text storage and eight to 24 fonts on-line depending on the CRTronic model. They're inexpensive, durable and versatile.

Daylight loading cassettes let you change the 150 foot roll of photosensitive paper quickly and easily. Cassettes will accommodate roll widths of three, six, and eight inches.

The film take-up cassette is conveniently located for easy removal and processing.



Easy to use.

In computerese, the CRTronic is "user friendly." Translated, that's "simple to operate."

Sit down to a CRTronic keyboard and you'll immediately feel right at home. You'll be ready to set type after a brief introduction to the system and its features.

All three models of CRTronics have nearly identical appearance, layout and "touch." And they incorporate all the latest findings in human engineering. The visual display screen is easy to read and free of glare. Brightness is adjustable. The flat adjustable keyboard can be positioned to suit operator requirements and comfort.

Easy to buy.

Now for the best part. Despite its up-to-the-minute digital technology, superior performance, flexibility, adaptability and operational simplicity, each model of the CRTronic Series costs less than comparable competitive typesetters.

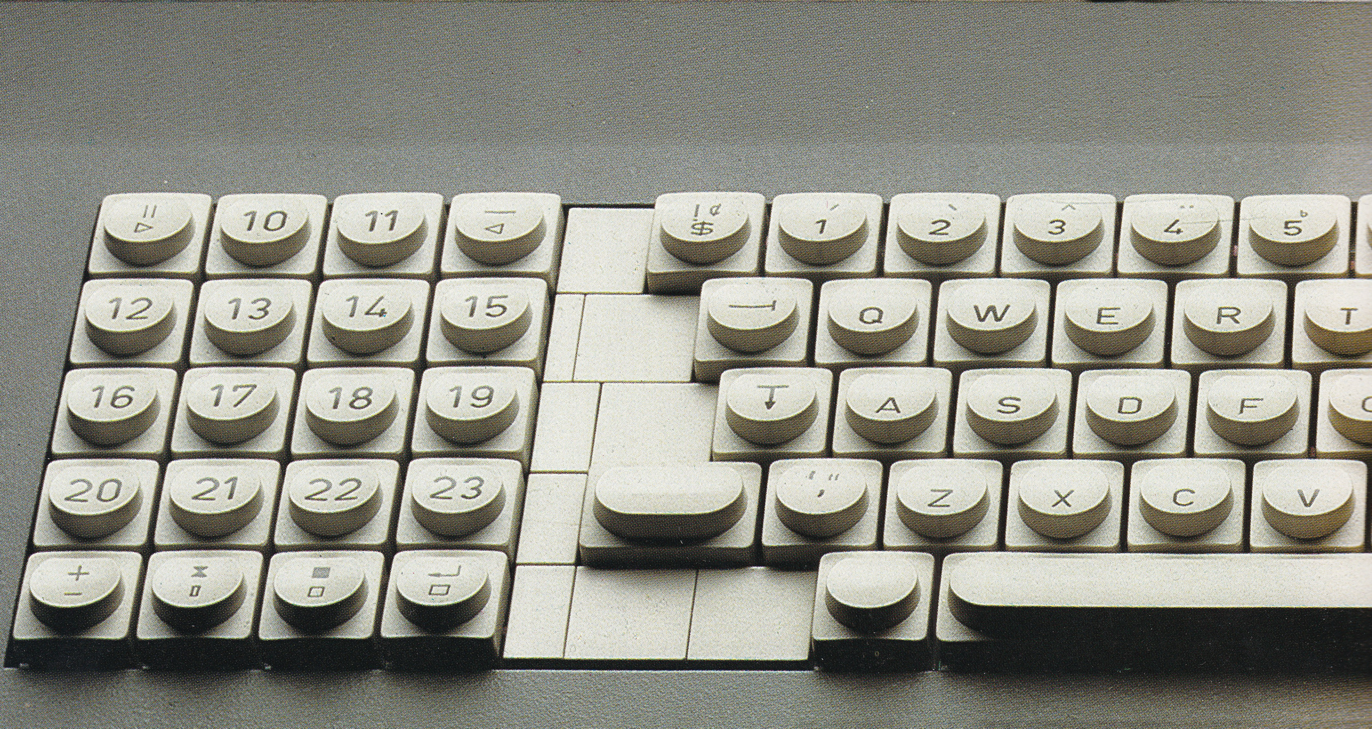
Low price no longer means compromising on features and quality.

Easy to step up.

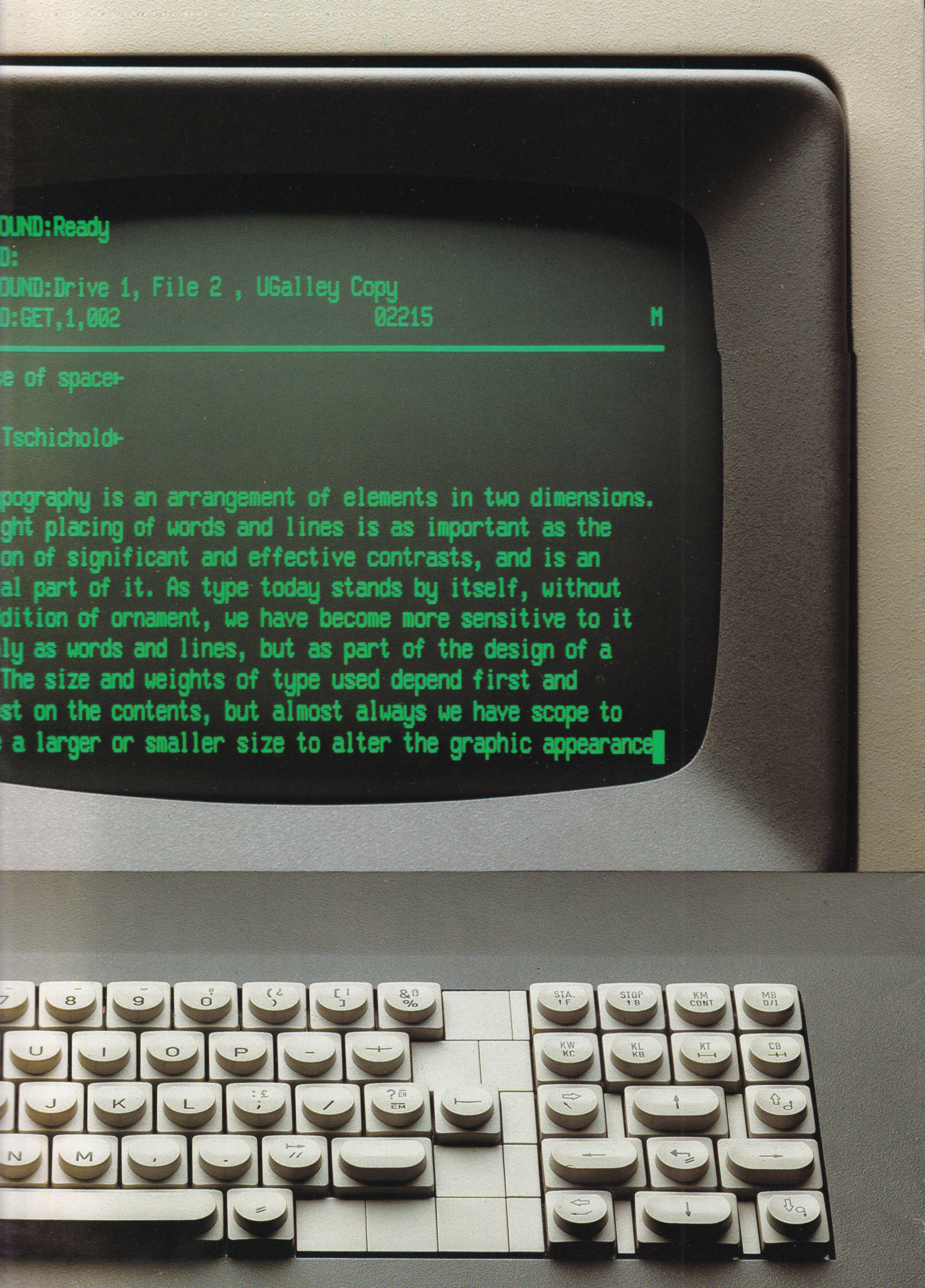
What if you buy a CRTronic 100, for example, and later find you need more operating speed, or more type faces in larger sizes? Simple. You just upgrade it to a CRTronic 150. Quickly, inexpensively.

If it's the CRTronic 150 you've outgrown, step up to the CRTronic 200 and your existing font library, peripherals and operators will fit like a glove.

The CRTronic family design makes stepping up practical and cost-efficient. Unlike some typesetting systems, Mergenthaler Linotype CRTronics are not designed for early obsolescence.



Screen shown actual size.
Keyboard shown approximately 90 percent actual size.



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pography is an arrangement of elements in two dimensions.
ght placing of words and lines is as important as the
on of significant and effective contrasts, and is an
al part of it. As type today stands by itself, without
dition of ornament, we have become more sensitive to it
ly as words and lines, but as part of the design of a
 The size and weights of type used depend first and
st on the contents, but almost always we have scope to
 a larger or smaller size to alter the graphic appearance█
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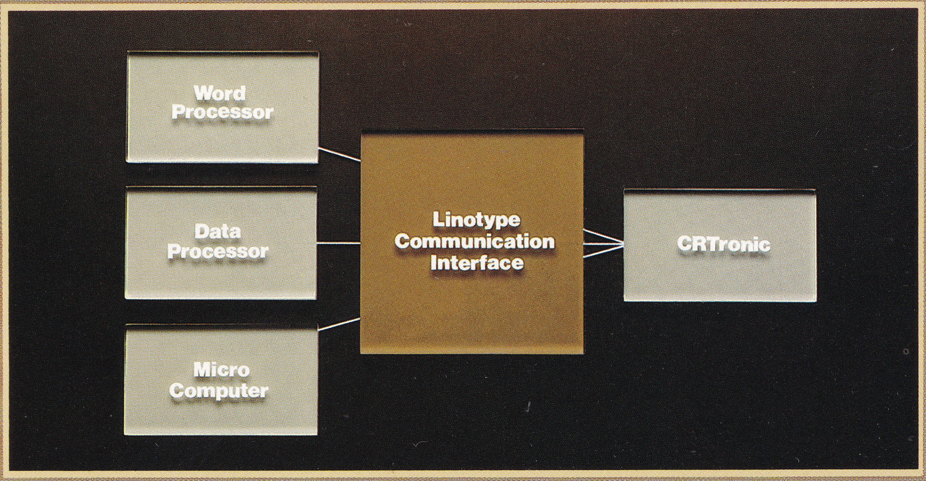
CRTronic...sophisticated digital typesetting technology in a desktop system

This brochure was set on a CRTronic using fonts from Mergenthaler's family of Helvetica type.


Word Processor
Data Processor
Micro Computer
Linotype Communication Interface
CRTronic

CRTerminal 200
CRTronic 200

Remote locations – across the city, or across the country – can transmit to the CRTronic via telecommunications (option).

Expands with your needs.

The modular design of the CRTronic family makes it easy to expand their capabilities in pace with your expanding needs.

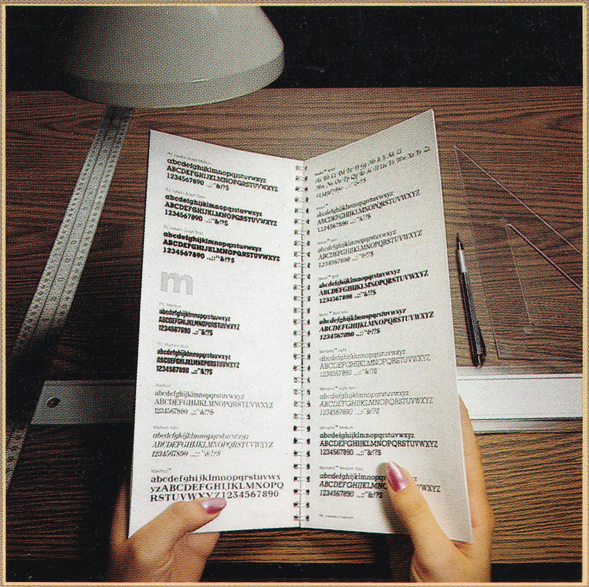
Add one or more CRTerminals for increased text entry and editing capabilities.

The Linotype Communication Interface allows you to send text from word processing systems to your CRTronic...even from remote locations.

Add a tabletop line printer and you can proofread copy before it goes to the typesetter. Use it for letters, billing, and other office procedures, too.

And the generous, programmable memory of all three CRTronic models allows ample storage for software additions as they are developed.

The Mergenthaler, Linotype, Stempel, Haas™ type library is the most comprehensive in the world, with more than 1,200 digitized fonts.



Mergenthaler Linotype... a tradition of innovation.

Almost a century of world leadership in typesetting has led to Mergenthaler Linotype's CRTronic typesetting systems.

Back in 1886, when Ottmar Mergenthaler introduced the first automated typesetter – the Linotype – he established a pattern for creative engineering and quality construction that's synonymous with the Mergenthaler name today.

Those first typesetters bearing the Linotype name were so advanced, so reliable and so enduring that they were used worldwide. In fact, for three quarters of a century "Linotype" was almost a generic label for any hot metal typesetter. And it was Mergenthaler again that pioneered the second generation of typesetters with the Linofilm system – the first tape-oriented typesetter.

Today, the third generation of typesetters is digitized. And again Mergenthaler Linotype is the leader in innovative engineering, performance, quality and value. Our full-featured desktop CRTronic models exemplify the skill and knowledge gained in almost 100 years of meeting the needs of a constantly changing industry.

Mergenthaler Linotype. A company with roots in the past and a firm grip on the future.

Mergenthaler
Linotype

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